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PHOTOGRAPHIC INTERPRETATION REPORT

DECLASS REVIEW BY NIMA / DoD

COMPARISON OF SUSPECT AMM-ASSOCIATED ACTIVITY NEAR ANGARSK, USSR, WITH SITE 13, SSATC



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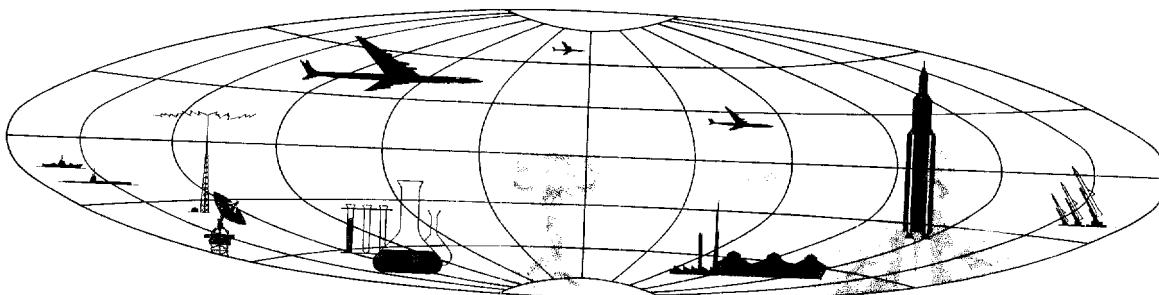
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COMPARISON OF SUSPECT AMM-ASSOCIATED ACTIVITY NEAR ANGARSK, USSR, WITH SITE 13, SSATC

INTRODUCTION

25X1D
25X1D
Detailed analysis of construction activity observed in the Angarsk area of the USSR on KEYHOLE photography of [REDACTED] revealed apparent similarities between this activity and construction activity of an undetermined nature at Possible Instrumentation Site 13 at the Sary-Shagan Antimissile Test

Center (SSATC) (Figure 1). A comparative study was made to ascertain the similarities and dissimilarities of the activity at the two sites and to determine, if possible, the nature of the activity. KEYHOLE photography of the Angarsk area in [REDACTED] is included for background purposes (Figure 2).

25X1D

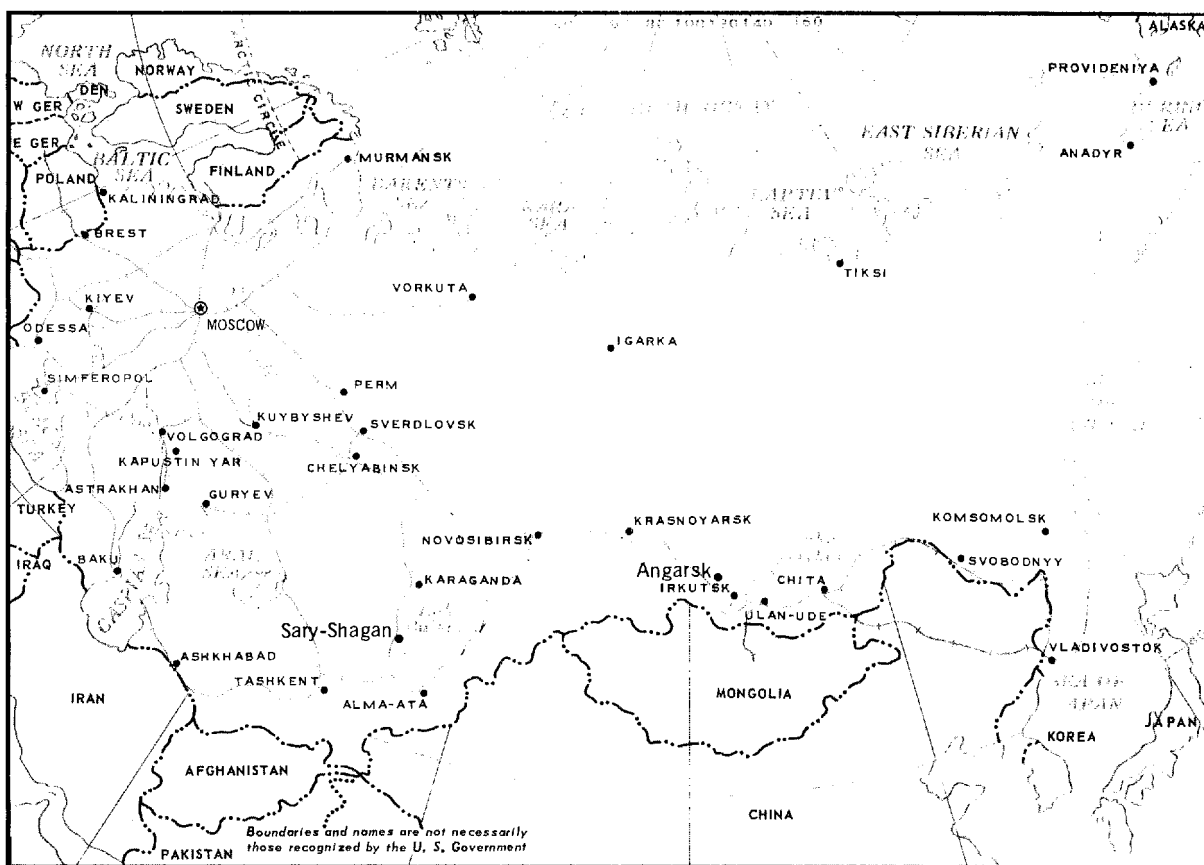


FIGURE 1. LOCATIONS OF SUSPECT AMM-ASSOCIATED ACTIVITY, USSR.

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25X1D

NPIC H-7426 (2/64)

FIGURE 2. ACTIVITY NEAR ANGARSK, USSR, [REDACTED]

25X1D

ACTIVITY NEAR ANGARSK

The activity observed on KEYHOLE photography of [REDACTED] near Angarsk consists of two long linear, offset excavations (Figure 3, Areas A and B) paralleling each other and oriented on an azimuth of [REDACTED]. Associated with this activity are three support areas (Figure 3, Areas C, D, and E) constructed since [REDACTED]. This activity is located at 52-53N 103-15E, 35 nautical miles (nm) northwest of Angarsk and 45 nm northwest of Irkutsk, and is situated in a wooded area south of the Bolshaya Belaya River.

Table 1, which follows, is keyed to Figure 3.

AREA A

Area A was first observed on photography of [REDACTED]. At that time it was in an early or midstage of construction along its entire length of 2,400 feet. An unidentified structure, located in the approximate center of Area A, appeared to be in an initial construction stage. The facility is road served from Support Area D. By [REDACTED] the only significant progress was the development of the unidentified structure to a possible midstage of construction.

The facility was again observed in [REDACTED]

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25X1D

25X1D

25X1D [REDACTED] with many changes noted. The excavation had been partially widened to its maximum of approximately 300 feet. Construction of the unidentified structure had progressed to a size of approximately 190 by 150 feet. Although the length and width dimensions of the structure appeared to be established, final height could not be determined. Also a building measuring approximately 155 by 70 feet was identified. This building is on top of or immediately adjacent to the unidentified structure. The stage of construction of the unidentified structure and the rectangular building could not be determined. Several unidentified objects, possibly excavating or construction equipment, were visible in the excavation.

new total of 12 barracks-type buildings in this support area.

AREA D

This area was first observed on photography of [REDACTED]. There were 22 buildings present at that time (Items 17-38). The facility was road served. No changes were observed on photography of [REDACTED] two buildings had been added (Items 15-16) bringing to 24 the total number of buildings in this support area. Also, a probable road had been constructed through the northern end of the area toward the river.

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25X1D

AREA E

This area was first observed on photography of [REDACTED]. It contained a total of 25 buildings (Items 39-63). It was road served with a probable connection with the town of Malta. There also was a probable road connection with the rail line running between Angarsk and Cheremkhovo. The support area is served by power lines. In [REDACTED] there were no apparent changes.

25X1D

25X1D

25X1D

OTHER FEATURES

There are two unidentified structures (Items 1-2) along the road from Area A to Support Area D. These two structures were first observed in [REDACTED] (Figure 3). There was no apparent change in [REDACTED]

25X1D

25X1D

25X1D

A small unidentified cleared area is located between Support Areas C and E and is possibly excavated to a shallow depth. This was first observed in [REDACTED].

25X1D

Also observed in the general area of the Angarsk activity are two SA-2 SAM sites, new since [REDACTED]. They are located approxi-

25X1D

AREA B

Area B was first observed on photography of [REDACTED]. It appeared in the form of a small rectangular forest clearing in the approximate center of what ultimately became a 2,100-by 250-foot excavation site. Shallow excavating had begun. This facility was next seen in [REDACTED] at which time it had been cleared to its probable maximum size. Shallow excavating continued near the center of the clearing, with possible excavating equipment visible on photography.

AREA C

This support area was first observed on photography of [REDACTED]. At that time ten buildings (Figure 3, Area C, items 4-5, 7-14) were present. These buildings vary in size but appear to be barracks-type. Two power traces run past the area. No transportation route was discernible in the woods surrounding the area. No changes were observed in [REDACTED] two barracks-type buildings had been constructed (Items 3 and 6), giving a

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Table 1. Activity Near Angarsk - Areas C, D, and E

Item No	Description	Approx Dimensions (ft)	Roof Type
1	U/I	100 x 85	Undetermined
2	U/I	50 x 50	Undetermined
3	Barracks-type	60 x 35	Probable gable
4-7	Barracks-type	135 x 35	Probable gable
8	Barracks-type	85 x 35	Probable gable
9-13	Barracks-type	135 x 35	Probable gable
14	Barracks-type	60 x 35	Probable gable
15-17	Barracks-type	135 x 35	Undetermined
18	Barracks-type	115 x 30	Probable gable
19	Barracks-type	135 x 30	Probable gable
20	Barracks-type	135 x 30	Probable gable
21	Barracks-type	60 x 30	Probable gable
22-25	Barracks-type	135 x 30	Probable gable
26	Barracks-type	75 x 30	Probable gable
27	Building	75 x 50	Undetermined
28	Building	135 x 35	Probable gable
29	Building	145 x 35	Probable gable
30	Building	60 x 35	Probable gable
31	Poss power plant	135 x 50	Probable flat
32	Building	135 x 75	Undetermined
33	Building	100 x 35	Probable gable
34	Building	100 x 50	Probable flat
35	Building	100 x 20	Probable gable
36	Poss POL Tank	50 diameter	NA
37	Warehouse	245 x 25	Probable gable
38	Warehouse	255 x 45	Probable gable
39	Warehouse	195 x 45	Probable gable
40	Warehouse	280 x 50	Probable gable
41	Building	110 x 60	Probable gable
42-43	Building	50 x 25	Undetermined
44	Building	110 x 45	Probable gable
45	Building	50 x 25	Undetermined
46-47	Barracks-type	75 x 25	Undetermined
48-63	Single dwelling-type	50 x 25	Undetermined

mately 5 nm southwest and 30 nm northeast of this activity.

Additional unidentified objects, which may be related to this installation, are scattered

throughout the general area. However, small-scale photography and vegetation preclude interpretation.

ACTIVITY AT POSSIBLE INSTRUMENTATION SITE 13, SSATC

The area of activity at Possible Instrumentation Site 13 of the SSATC is located at 46-36N 74-32E, 52 nm northeast of the Support Base, on the north shore of Lake Balkhash. The activity consists of two linear excavations which appear slightly offset (Figure 4, Areas A and B), each oriented on an azimuth of [REDACTED] with an associated large unidentified structure

and a large rectangular building. Two housing and support areas (Figure 4, Areas C and D) located east and southeast of the excavations have had recent expansion and could be used in support of this activity. The entire facility is road served from Sary-Shagan and Balkhash.

Table 2, which follows, is keyed to Figure 4.

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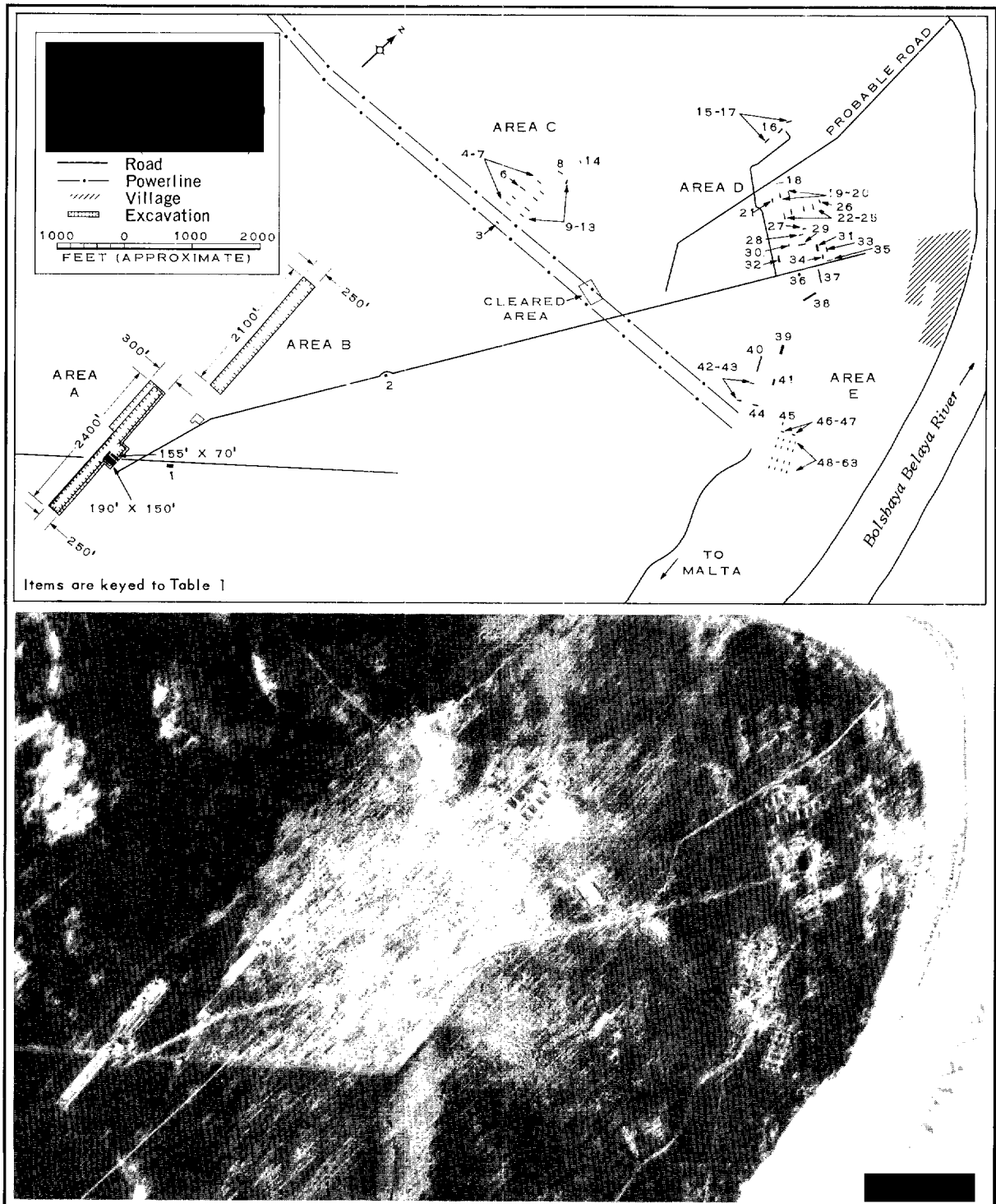


FIGURE 3. ACTIVITY NEAR ANGARSK, USSR, [REDACTED]

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25X1D

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Table 2. Activity at Possible Instrumentation Site 13, SSATC, Areas C and D

Item No	Description	Approx Dimensions (ft)	Roof Type
1	Batching plant w/conveyer	70 x 145	--
2	Building	45 x 20	Undetermined
3	Building	115 x 35	Probable gable
4	Building	80 x 20	Probable gable
5	Building	170 x 40	Possible flat
6-9	Barracks-type	125 x 35	Probable gable
10-11	Barracks-type	55 x 20	Probable gable
12-13	Building	25 x 25	Undetermined
14	T-shaped	100 x 80	Gable
15	T-shaped	125 x 125	Gable
16-19	Warehouse-type	110 x 80	Probable arch
20-22	Warehouse-type	110 x 80	Possible arch
23	Building	110 x 40	Undetermined
24	Building	215 x 55	Undetermined
25	Building	20 x 20	Undetermined
26-29	Barracks-type	110 x 35	Probable gable
30	Building	110 x 45	Probable flat
31	Building	55 x 55	Possible gable
32	Building	80 x 70	Undetermined
33	Building	55 x 20	Probable gable
34	Building w/ditch extending 110 ft	100 x 45	Probable gable
35	Building	20 x 20	Undetermined
36	Building	70 x 45	Undetermined
37	Building	110 x 45	Probable gable
38	Building	20 x 45	Undetermined
39	Building	45 x 55	Undetermined
40	Warehouse-type	110 x 40	Probable flat
41	Warehouse-type	170 x 40	Probable flat
42	Warehouse-type	135 x 40	Probable flat
43-46	Barracks-type	110 x 35	Probable gable
47	Building	70 x 70	Undetermined
48	Building	90 x 25	Probable gable
49-52	Probable building foundations	110 x 35	--

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AREA A

The first evidence of excavation at this site was observed on photography of [REDACTED] At that time the excavating was in its initial stages.

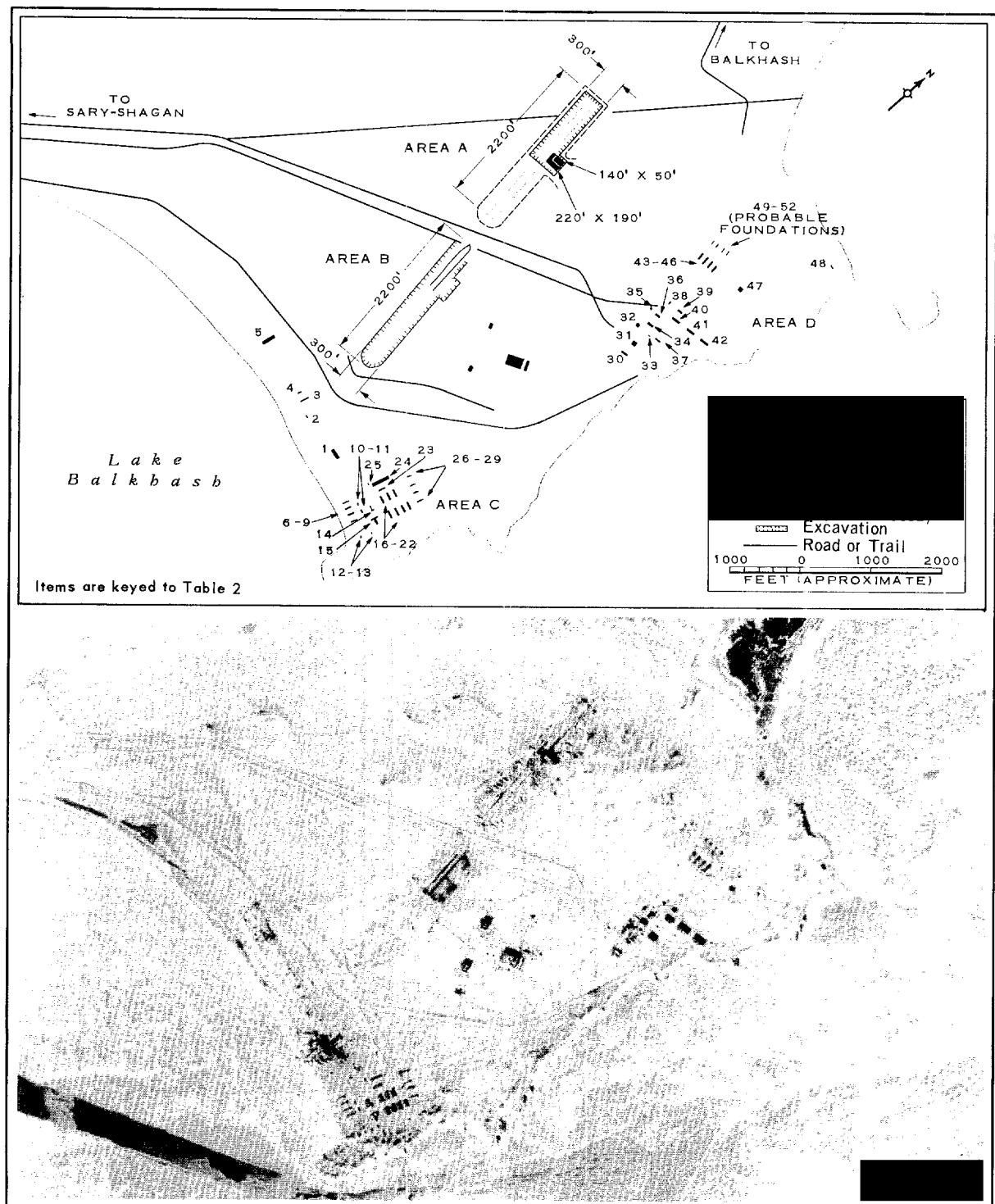
By [REDACTED] Area A had been expanded to a size of approximately 2,200 by 300 feet with excavation along the entire length of the site. Initial construction was in progress on a large unidentified structure located in the approximate center of Area A.

A 2,200- by 100-foot linear strip was first identifiable at the bottom of the excavation in [REDACTED] The width of this linear strip is uniform and could possibly form a level base

for the excavation. No other new activity was discernible at that time, partially because of poor quality of the photography.

When the area was next seen in [REDACTED] extensive construction progress had been made. Work had been continued in the excavation with the result that it had more uniform shape. The depth of the excavation could not be determined. It could be determined that the large unidentified structure had dimensions of approximately 220 by 190 feet and the newly observed rectangular building on top of or adjacent to it had approximate dimensions of 140 by 50 feet. Both structures were still under construction in [REDACTED]

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25X1D

FIGURE 4. ACTIVITY AT POSSIBLE INSTRUMENTATION SITE 13, SSATC

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25X1D

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AREA B

25X1D In [REDACTED] a linear excavation measuring approximately 2,200 by 300 feet was first observed. This area was in the initial stages of development with only shallow excavating in progress.

AREA C

25X1D This support area was first observed as early as [REDACTED] however, for the purposes of this comparative study only the period from [REDACTED] will be discussed.
25X1D [REDACTED] there were 21 structures present at this area (Items 1-5, 10-25). These include a batching plant and several warehouse-type buildings. No apparent changes were noted on photography of [REDACTED] By [REDACTED] a total of 8 barracks-type buildings had been added (Items 6-9, 26-29), giving a new total of 29 buildings in this support area.

AREA D

This support area was observed as early as [REDACTED] but for this study it will be discussed only for the period [REDACTED]

Nineteen structures were observed here on photography of [REDACTED] (Items 30-48). No changes were observed in [REDACTED], a total of four probable foundations had been added (Items 49-52). These probably are for barracks-type buildings.

OTHER FEATURES

Three previously reported 1/ buildings forming a triangular pattern are located immediately east of Area B (Figure 4). This triangular pattern of buildings also is present at three locations at SSATC -- two instrumentation sites and one launch complex.

SUMMARY AND CONCLUSIONS

1. The specific antimissile-missile association of excavation areas described at these two facilities cannot be ascertained from available photography. Since the previously constructed facilities at Possible Instrumentation Site 13, SSATC, have been reported as possibly being associated with antimissile-missile activity, this recent construction may have ultimate functions of a similar broad scope and is given a suspect capability of antimissile-missile association.

25X1B [REDACTED]
25X1B [REDACTED]

[REDACTED]

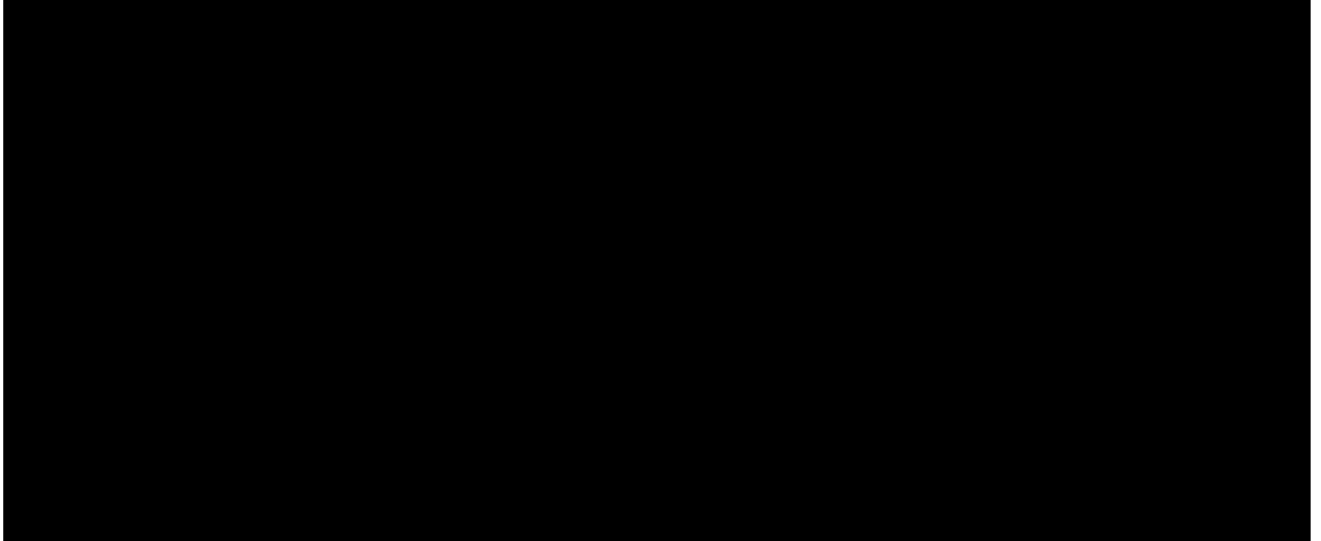
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REFERENCES

PHOTOGRAPHY

25X1D



MAPS OR CHARTS

- ACIC. ONC E-7, 1st classified edition, Sep 59, scale 1:1,000,000 (CONFIDENTIAL)
- SAC. US Air Target Chart, Series 200, Sheet 0200-16HL, 3d ed, May 63, scale 1:200,000 (SECRET)
- AMS. DESPA-1, Sheet NL 43-5, May 62, scale 1:250,000 (TOP SECRET RUFF)

DOCUMENTS

1. NPIC. R-147/63, Possible Antimissile Missile Associated Facilities, Moscow Area, USSR, Jul 63 (TOP SECRET CHESS RUFF)

REQUIREMENTS

- CIA. ORR/C-RR4-80,935
- NPIC. PC-1-64

NPIC PROJECT

- N-1/64

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